

REMARKS

This amendment is submitted in response to the Final Office Action dated June 11, 2008. Reconsideration and allowance of the claims is requested.

Claim of Priority

In this Final Office Action, the Examiner began by noting that the Petition for Priority had been dismissed, rendering Applicant's arguments as moot. Applicant filed a renewed petition on July 2, 2008. This petition has now been granted. Therefore, reliance on Master must be withdrawn, and Applicant is entitled to either a new Office Action or allowance of all claims.

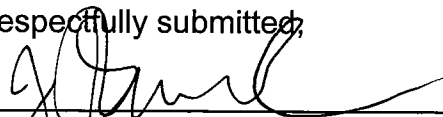
Rejections under 35 U.S.C. 103

Applicant has also reviewed the rejections in the present application. Claim 1 is rejected as unpatentable over Wolrich in view of Master, both previously cited. Claims 6, 8-10, 12 and 15-21 are rejected on the same grounds. Claim 5 is rejected under 35 U.S.C. 103 as unpatentable over Wolrich and Master in further view of Shukla (U.S. 2002/0042875). Claim 7 is rejected as obvious over Wolrich and Master in further view of Warren (U.S. 6,675,284). Claim 11 is rejected under 35 U.S.C. 103 as unpatentable over Wolrich and Master in further view of Pham (U.S. 2003/0074473). Claims 13 and 14 are rejected under 35 U.S.C. 103 as unpatentable over Wolrich and Master in further view of Schunk (U.S. 6,980,515). These rejections are respectfully traversed.

In the Final Office Action, in addition to relying on Master, the Examiner also relies on Wolrich in rejecting the claims. However, all the claims clearly recite that the reconfigurable input/output controller IOC is coupled via an interconnection network to a plurality of nodes in an adaptive computing engine. The claims further recite that at least one input receives a point-to-point transfer instruction for a device internal to the adaptive computing engine (ACE). Wolrich does not show these limitations. The Examiner relies on CPU 20 of the Wolrich system; but, as shown in Figure 3, CPU 20 is clearly not internal to the IOC or the overall network. Therefore, a fundamental limitation of the claims is not supplied by Wolrich.

In view of these distinctions, and in anticipation of the granting of the renewed petition relative to Master, reconsideration and allowance of the claims is requested.

Respectfully submitted,



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